



PTO/SB/O8A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031  
 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

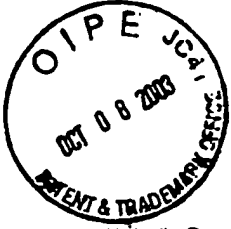
Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		Application Number	10/612,667
		Filing Date	07/02/03
		First Named Inventor	Richard BEARD, et al.
		Art Unit	<del>1026</del> 1624
		Examiner Name	<del>Unknown</del> McKenzie
Sheet	1	of	3
		Attorney Docket Number	600-33-DIV

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.†	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number*Kind Code* (if known)	MM-DD-YYYY		
JW		US-5,877,207	03/02/99	Klein, et al.	
		US-4,898,872	02/06/90	Campbell, et al.	
		US-5,773,594	06/30/98	Johnson, et al.	
		US-5,505,083	03/09/96	Hines	
		US-5,808,124	09/15/98	Beard, et al.	
		US-5,952,345	09/14/99	Klein et al.	
		US-5,958,954	09/28/99	Klein et al.	
		US-5,618,931	04/08/97	Beard et al.	
		US-5,489,584	02/06/96	Vuligonda, et al.	
		US-5,559,248	09/24/96	Starrett, Jr., et al.	
		US-5,648,514	07/15/97	Johnson, et al.	
		US-5,455,265	10/03/95	Chandraratna	
		US-5,763,635	06/09/98	Vuligonda	
	US-				
	US-				
	US-				
	US-				
	US-				
	US-				

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.†	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T‡
		Country Code*Number*Kind* (if known)	MM-DD-YYYY			
JW		WO 9845242 A1	10/15/98	Shudo, et al.		
		French Patent 94 05019	10/27/95	Bernardon, Jean-Michel		
JW		Japanese Patent JP63132864		Masamoto, et al.		
		EPO 0 661 259 A1		Starrett, et al.		
		WO 93/11755	06/24/93	Evans, et al.		

Examiner Signature	<i>Don McKe...</i>	Date Considered	1/3/04
--------------------	--------------------	-----------------	--------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
 † Applicant's unique citation designation number (optional). ‡ See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.  
 § Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). ¶ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. § Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ¶ Applicant is to place a check mark here if English language Translation is attached.  
 Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. any comments on the amount of time you are required complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES FOR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Applicant Number	10/612,667
				Filing Date	07/02/03
				First Named Inventor	Richard BEARD, et al.
				Group Art Unit	1626-1624
				Examiner Name	Unknown <i>McKenzo</i>
				Attorney Docket Number	600-33-DIV
Sheet	2	of	3		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T? <sup>2</sup>
<i>JK</i>		DAWSON, et al., Chemistry and Biology of Synthetic Retinoids, 1990, 334-335 and 324-356, CRC Press inc.	<input type="checkbox"/>
		VERMA et al., Cancer Research, 1977, 2196-2201, 37	<input type="checkbox"/>
		O'BRIEN et al., Cancer Research, 1975, 1662-1670	<input type="checkbox"/>
		FEIGNER P.L. et al., Focus, 1989, 112	<input type="checkbox"/>
		HEYMAN et al., Cell, 1992, 397-406, 68	<input type="checkbox"/>
		ALLEGRETTO et al., J. Biol. Chem., 26625-26633, 268	<input type="checkbox"/>
		MANGELSDORF et al., The Retinoids: Biology, Chemistry, and Medicine, 319-349, Raven Press Ltd., New York	<input type="checkbox"/>
		CHENG et al., Biochemical Pharmacology, 3099-3108, 22	<input type="checkbox"/>
		KLEIN et al., J. Biol. Chem., 1996, 22692-22696, 271	<input type="checkbox"/>
<i>JK</i>		CHEN et al., Mol. Cell. Biol., 1987, 2745-2752, 7	<input type="checkbox"/>

Examiner Signature <i>John McKenzo</i>	Date Considered	1/3/05
--	-----------------	--------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231



PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<i>Complete if Known</i>	
				Applicant Number	10/612,667
				Filing Date	07/02/03
				First Named Inventor	Richard BEARD, et al.
				Group Art Unit	<del>1626</del> / 1629
				Examiner Name	<del>Lakshman</del> McKenna
Sheet	3	of	3	Attorney Docket Number	600-33-DIV

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (In CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
gm		DE WET, Mol. Cell. Biol., 1987, 725-737, 7	<input type="checkbox"/>
		NAGPAL et al., Embo J., 1993, 2349-2360, 12	<input type="checkbox"/>
		JOHNSON et al., 1999, 1321-1338, 7	<input type="checkbox"/>
		MARCH, Advanced Organic Chemistry, 2 <sup>nd</sup> edition, McGraw-Hill Book Company, pg. 357, 810,1124	<input type="checkbox"/>
		MCOMIE, Plenum Publishing Press, 1973 and Protecting Groups, Ed. Greene, John Wiley & Sons, 1981.	<input type="checkbox"/>
		COREY et al., Tet. Lett., 1979, 399	<input type="checkbox"/>
		OMURA et al., Tetrahedron, 1978, 34, 1651	<input type="checkbox"/>
		OLD et al., J. Am. Chem. Soc., 1998, 120, 9722	<input type="checkbox"/>
	LAKSHMAN et al., J. Am. Chem. Soc., 1999, 121, 6090	<input type="checkbox"/>	

Examiner Signature	<i>Don McKenna</i>	Date Considered	1/3/05
--------------------	--------------------	-----------------	--------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231